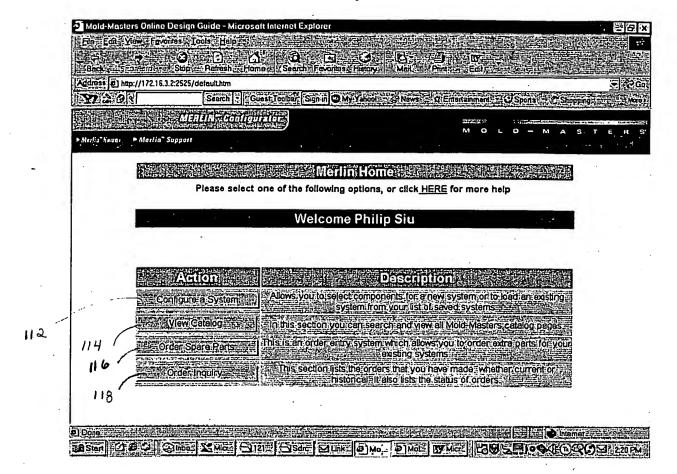
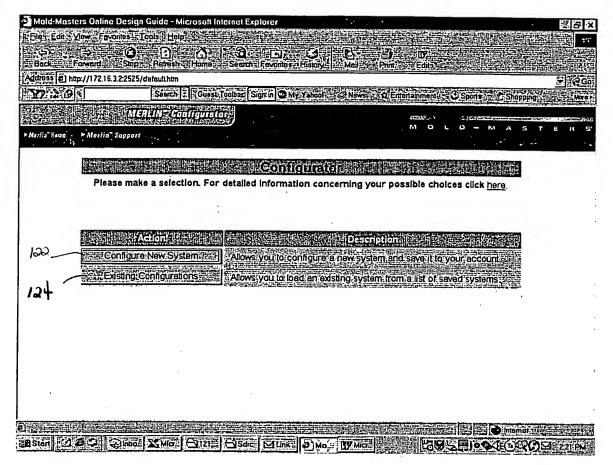
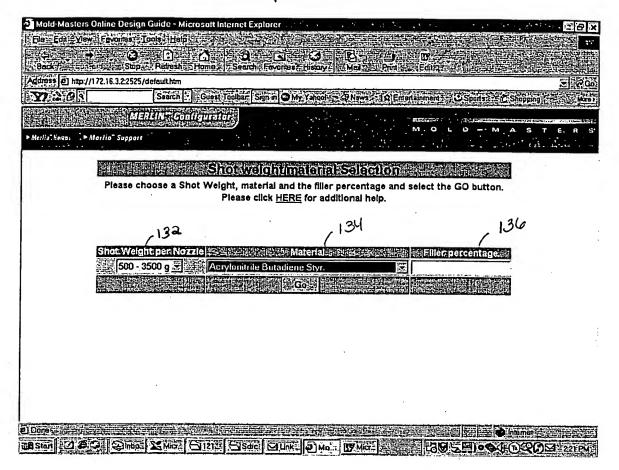


F16.3







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Merlin Homes Merlin Support



Product Line Selection

Please select a product line by clicking on the button below it. Click <u>here</u> to find out more information.

Previous Step=









M2

MIM/Dura-Shot®

MIM Speed M

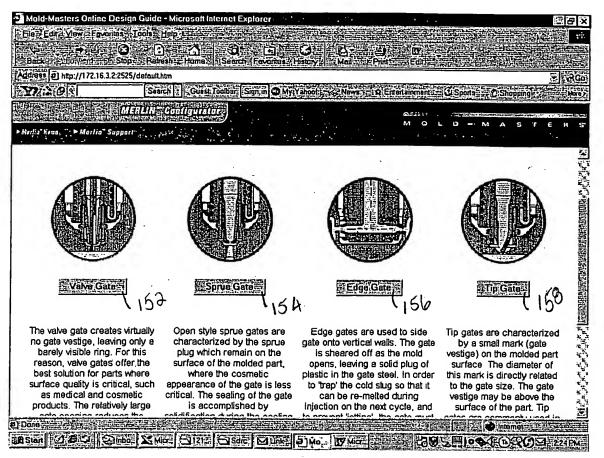
> System

147

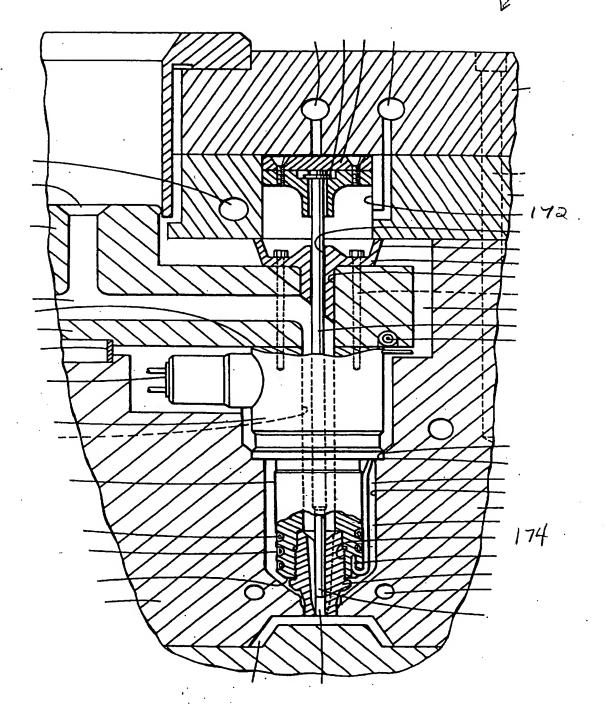
Mold Masters established Dura product line of hot runner systems. The MIM Dura-Shot ® range of products is based on Mold-Masters established Dura know-how, but with the added advantages of MIM technology.

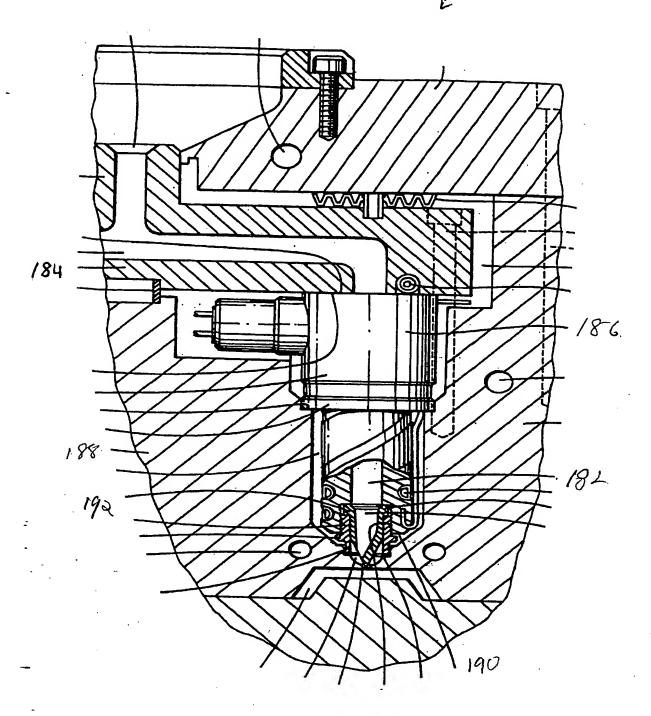
Specify, Design and Order your MIM Speed Hot Runner System - Online to provide the fastest delivery of the hot runner system to your specification.

The Flex Dura product line was developed specifically for the automotive and large part molding industries.

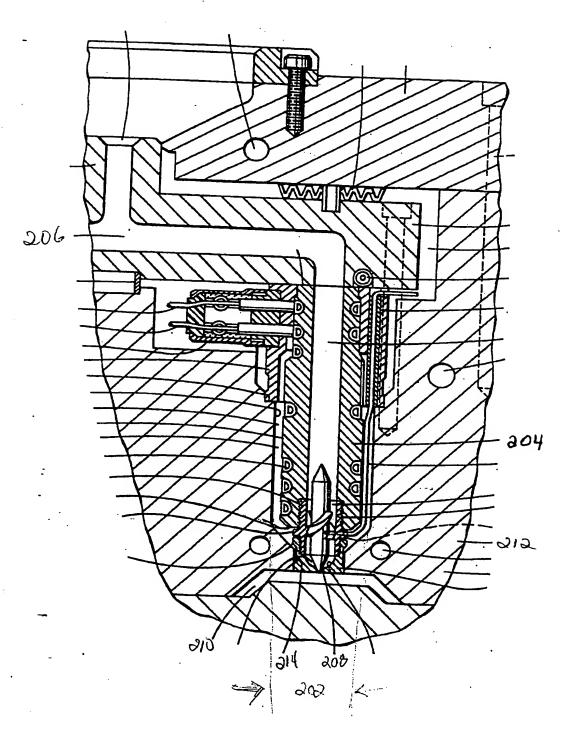


F16.8

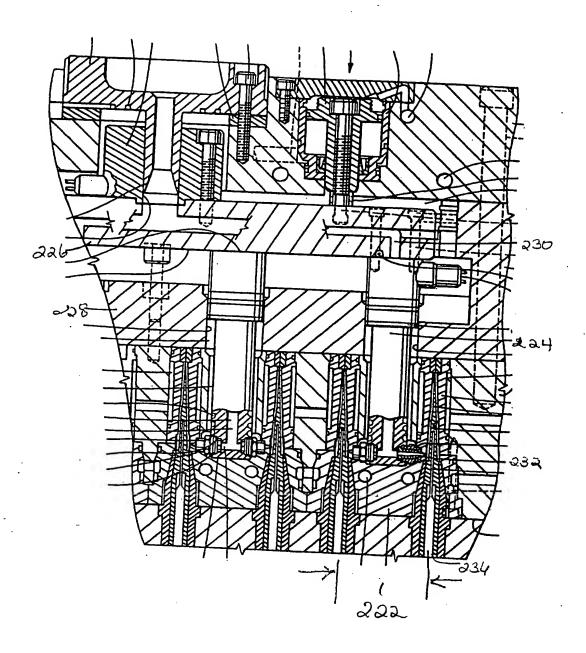




F16.10.



F16:11



F16.12

= 5240





System type/Gating method Selection

Click on the number beside the system type to continue. Click on one of the links below to find out more information about the item

Click Here for more information.

Previous Step

Match System Type

Gating Method

Suitability

Catalog Page/s

MIM Speed Dura Hecto-Shot

Bi-Metallic C-Valve

Recommended

View M8.01.05

242

244

MERLINE Configurator



MIM Dura Hecto-Shot ® Bi-Metallic C-Valve

Gate Seal

Please select the gate seal you require, or click <u>HERE</u> for more information.

Previous Step

March Gate

Description

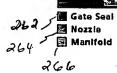
Diameter/Range

Seal #

TS0664P2 MDH C VALVE TS0664 + TSL229

4.0 - 5.0 mm

268



Water Cooled Gate Insert ■ Valve Actuator

☑ Locating Ring Manifold Plates

Relevant Catalog Pages

Catalog Page

Mew M8.01.05 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve

Revision Date Jun 6 2000

Inlet Component

12:41AM

CAD Drawings

MERLIN Configurator



MIM Dura Hecto-Shot ® Bi-Metallic C-Valve

Nozzle

284

286

288

Please select the nozzle you require, or click <u>HERE</u> for more information.

Previous Step

March Nozzle # Description L Dim (mm) NZMH1B1A060P Mim Dura Hecto 74 Valve nozzle L=60 NZMH1B1A090P Mim Dura Hecto 104 Valve nozzle Gate Seal Water Cooled Gate Insert Locating Ring L=90 Nozzle **☑** Valve Actuator Manifold Plates Manifold NZMH1B1A120P Mim Dura Hecto Inlet Component 134 Valve nozzle L=120 NZMH1B1A150P Mim Dura Hecto 164 Valve nozzie L=150

Relevant Catalog Pages Catalog Page Title

M8.01.05 MDH C VALVE TS0664 + TSL229

M8.01.05 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve

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Number Of Nozzles Selection

Please select the number of nozzles required for your system, or Click HERE for more information

Previous Step

Enter Number of Nozzles/Drops desired in System

2 Nozzles

304

4 Nozzles

Relevant Catalog Pages

Catalog Page

M8.01.05 Mim Dura Hecto Valve nozzle L=120

M8.01.05 MDH C VALVE TS0664 + TSL229

M8.01.05 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve

Revision Date

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Manifold Configuration Selection

Please choose a suitable manifold configuration from the icons shown below or click <u>HERE</u> for more detailed information.

Previous Step

Standard Sub Manifolds



324

Relevant Catalog Pages

Catalog Page Title

M8.01.05 Mim Dura Hecto Valve nozzle L=120

M8.01.05 MDH C VALVE TS0664 + TSL229

M8.01.05 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve

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Sub Manifold Pitch Selection

Click Here for more detailed information



Click the Next button to accept this dimension or enter a smaller pitch dimension for your application if required.

Off Pitch X: 190

mm 🔄

Next

342

Relevant Catalog Pages

Catalog Poge Title

M8.01.05 Mim Dura Hecto Valve nozzle L=120

M8.01.05 MDH C VALVE TS0664 + TSL229

M8.01.05 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve

Revision Date

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Jun 6 2000 12:41AM

Jun 6 2000

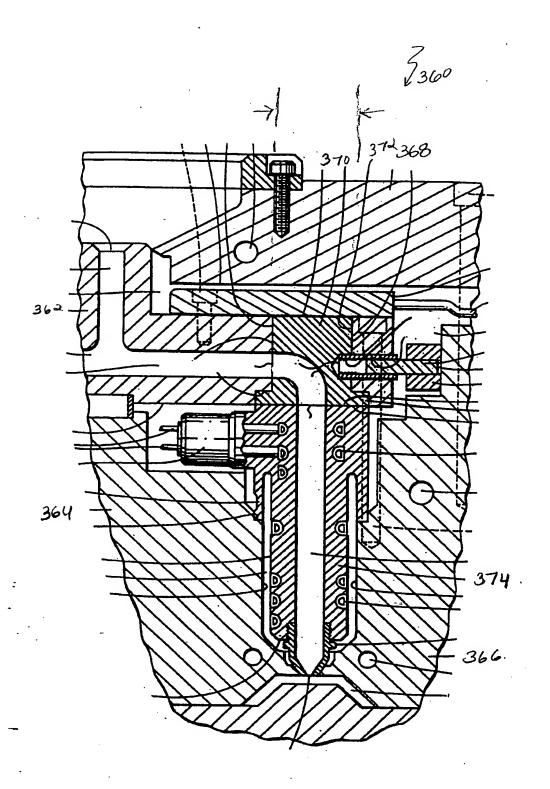
12:41AM

CAD Drawings

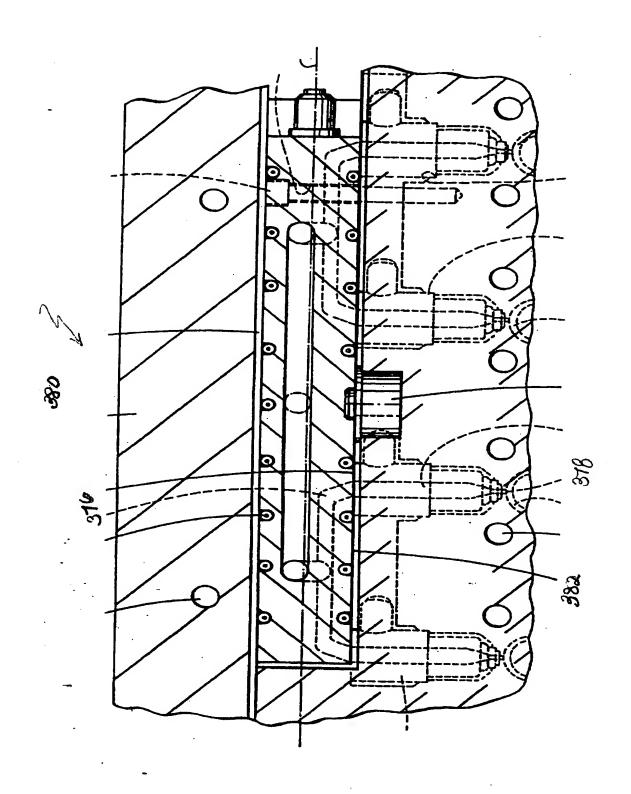
_Download

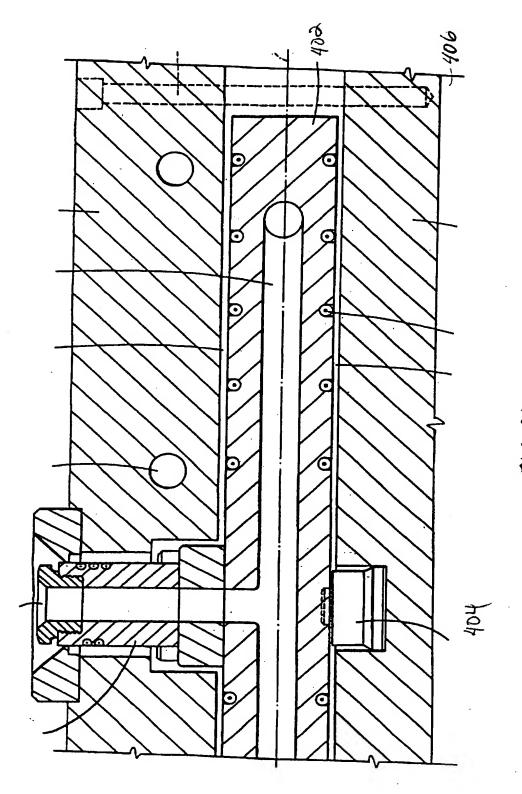
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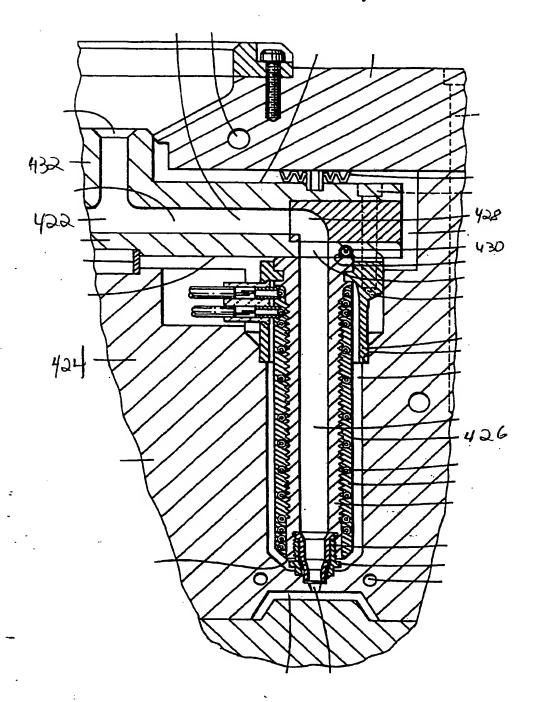


F16.19





F16.8



F16.22

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Water Cooled Gate Insert (Optional)

Please select the gate insert you require, or click HERE for more information.

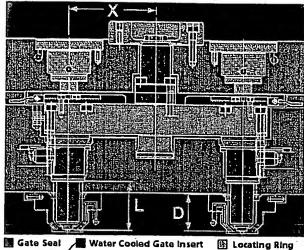
Previous Step

Match Gate Description Insert#

Dimension

Water Cooled Gate Inserts are not available for this application.

MIM Dura Hecto-Shot ® Bi-Metallic C-Valve



Manifold

442

Nozzle ■ Valve Actuator

Inlet Component

Manifold Plates

Relevant Catalog Pages

Catalog Page Title

441

View M8.02.02 2-Inline Sub Manifold

M8.01.05 Mim Dura Hecto Valve nozzle L=120 View

View

M8.01.05 MDH C VALVE TS0664 + TSL229

View M8.01.05 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve Revision Date CAD Drawings

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Valve Actuator

Please select the valve actuator you require, or click HERE for more information.



Match Valve Actuator Description

Valve Valve Valve Pin Pin Pin Max. **Diameter Stroke**

Length

464

Hydraulic/Pneumatic 355.0 HY6600D Cylinder Assembly mm

7.940 mm

mm

20.0

Gate Seal Mozzle

Manifold

Water Cooled Gate Insert Valve Actuator

MIM Dura Hecto-Shot ® Bi-Metallic C-V

Inlet Component

462

Relevant Catalog Pages

Catalog Page Title

-View M8.02.02 2-Inline Sub Manifold

View M8.01.05 Mim Dura Hecto Valve nozzle L=120

View M8.01.05 MDH C VALVE TS0664 + TSL229

View M8.01.05 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve

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Jun 6 2000 12:41AM

Locating

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Inlet Companent

Please select the Inlet Component you require, or click HERE for more information.

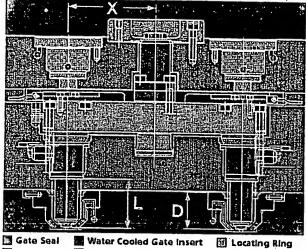
Previous Step

Matches Description



Manifold center heater

MIM Dura Hecto-Shot ® Bi-Metallic C-Valve



- Nozzle Manifold
- Water Cooled Gate Insert Valve Actuator
 - Manifold Plates

83

Inlet Component

Relevant Catalog Pages

Catalog Page Title

12.01.12 Hydraulic/Pneumatic Cylinder Assembly

View M8.02.02 2-Inline Sub Manifold

View M8.01.05 Mim Dura Hecto Valve nozzle L=120

View M8.01.05 MDH C VALVE TS0664 + TSL229

M8.01.05 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve View

Revision Date

98-Oct-22

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Inlet Component Manifold center heater

Please select the Inlet Component you require, or click HERE for more information.

Matches Inlet Component#

Machine Nozzle

Radius

BP58.500P

0.5 inch

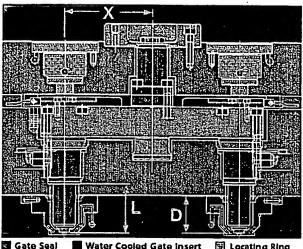
BP58.750P

0.75 inch

502

504

MIM Dura Hecto-Shot ® Bi-Metallic C-Valve



Water Cooled Gate Insert

 ■ Locating Ring Manifold Plates

Nozzle **Manifold** ☑ Valve Actuator

M Inlet Component

Relevant Catalog Pages

Cotalog Page Title

View 12.01.12 Hydraulic/Pneumatic Cylinder Assembly

View M8.02.02 2-Inline Sub Manifold

View M8.01.05 Mim Dura Hecto Valve nozzle L=120

View M8.01.05 MDH C VALVE TS0664 + TSL229

View M8.01.05 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve Revision Date CAD Drawings

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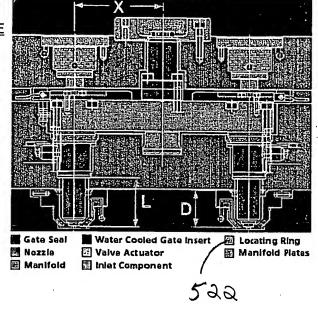
Location Ring

Please select the locating ring you require, or click <u>HERE</u> for more information.

Previous Step

	Matches	Locoting Ring #	Description	Diameter (mm)
/	量1	LR0070	Loc. ring for machine nozzle pad	101.34
ŀ	-32±	LR0071	Loc. ring for machine nozzle pad	109.75
		LR0081	Locating Ring for Valve system with BP58, inch	101.36
	24 3	LR0082	Locating Ring for Valve system with BP58, metric	109.77
	等 多	LR0086	Locating Ring for Sprue system with BP58, inch	101.36
		LR0087	Locating Ring for Sprue system with BP58, metric	109.77

MIM Dura Hecto-Shot ® Bi-Metallic C-Valve



Rele	vant	Catalo	g Pages

	Catalog	g Page	Title	Revision Date	CAD Drawings
_	View	10.01.11	Manifold center heater	98-Oct-22	Download
,	View	12.01.12	Hydraulic/Pneumatic Cylinder Assembly	98-Oct-22	= Download
	View	M8.02.02	2-Inline Sub Manifold	Jun	Download R
	View	M8.01.05	Mim Dura Hecto Valve nozzle L=120	Jun 6 2000 12:41AM	Download
	View	M8.01.05	MDH C VALVE TS0664 + TSL229	Jun 6 2000 12:41AM	- Download
	View	M8.01.05	MIM Dura Hecto-Shot ® Bi-Metallic C-Valve	Jun 6 2000 12:41AM	-Download

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Molding Elevation

If you wish to include a Molding Elevation, please enter it below and choose the Unit of Measure.

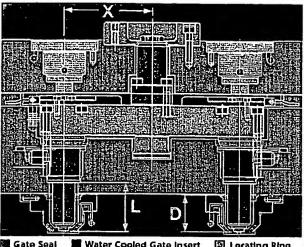
*Click HERE for more information.



There is no Molding Elevation range available for this application. Click Next to continue or try another application,



MIM Dura Hecto-Shot ® Bi-Metallic C-Valve



Water Cooled Gate Insert

Locating Ring

Mozzle 🔣 Manifold ☑ Valve Actuator

Manifold Plates

№ Inlet Component

Relevant Catalog Pages

Cotalog Page	Title	Revision Date	CAD Drawings	
View M9.01.0	08 Locating Ring for Valve system with BP58, inch	Jun 6 2000 12:41AM	Download	
View 10.01.1	1 Manifold center heater	98-Oct-22	Download	
View 12.01.1	2 Hydraulic/Pneumatic Cylinder Assembly	98-Oct-22	-Download	
View M8.02.0	2 2-Inline Sub Manifold	Jun	Download	
View M8.01.0	05 Mim Dura Hecto Valve nozzle L=120	Jun 6 2000 12:41AM	Download	
View M8.01.0	05 MDH C VALVE TS0664 + TSL229	Jun 6 2000 12:41AM	Download	
M8.01.0	5 MIM Dura Hecto-Shot ® Bi-Metallic C-Valve	Jun 6 2000 12:41AM	Download	

MERLINE Configurator Merlin Home Merlin Support **Application Information Form** Please fill in the relevant information and check for correctness. Previous Step Action To Be Taken, for more information dick HERE Company Name: Contact Name **Mold Maker End User** Molder Requested Delivery Date Customer Ref. # MM/DD/YYYY format) Plastic Part # **Plastic Part Name Industry Segment** Additional Information Material Part Mold Other Shot # of Cavities **Gate Cosmetics** Material type: Weight: Acrylonitrile Butadiene Styr. 500 - 3500 g 564 **Grade** Injection Sub-runners Gate Cooling Time (sec.) Wall Thickness Supplier **Gate** Dim. Stability mm 👼 mm 👺 Flow Length Process Temp Land Supp. Screws mm 😴

MERLINE Configurator





Summary Information Form

Please fill in the relevant information and check for correctness.



View Printable Version

Action To BeTaken, For more information click HERE

Step 1 Save

Step 2

Step 3 586 Review

Step 4 Order

Lead Time: No Lead Time Available.

Quote # 0040003107

Not Reviewed.

PO#

Order #

Generate Drawings

Price: \$6,081.00 USD

Contact Name:

Mold Maker:

Molder:

590

End User:

Customer Ref. #:

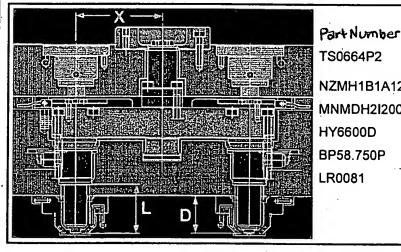
Company Name:

Requested Delivery Date:

Plastic Part #:

Plastic Part Name:

Industry Segment:



Required Parts List

Options Description MDH C VALVE TS0664

N/A

N/A

N/A

N/A

+ TSL229

Mim Dura Hecto Valve NZMH1B1A120P

nozzle L=120

MNMDH2I200BL4VP 2-Inline Sub Manifold Hydraulic/Pneumatic

HY6600D BP58.750P

N/A Cylinder Assembly Manifold center heater N/A

Locating Ring for Valve system with BP58, inch N/A

Additional Information

Material

Part

Mold

Other

Material type:

Acrylonitrile Butadiene

Sh_t Weight: 500 -3500 g

of Cavities:

Gate Cosmetics:

Grade:

Styr.

Est. Injecti n Time

(sec.):

Sub-runners:

Gate Cooling:

Supplier:

Wall Thickness:

Gate:

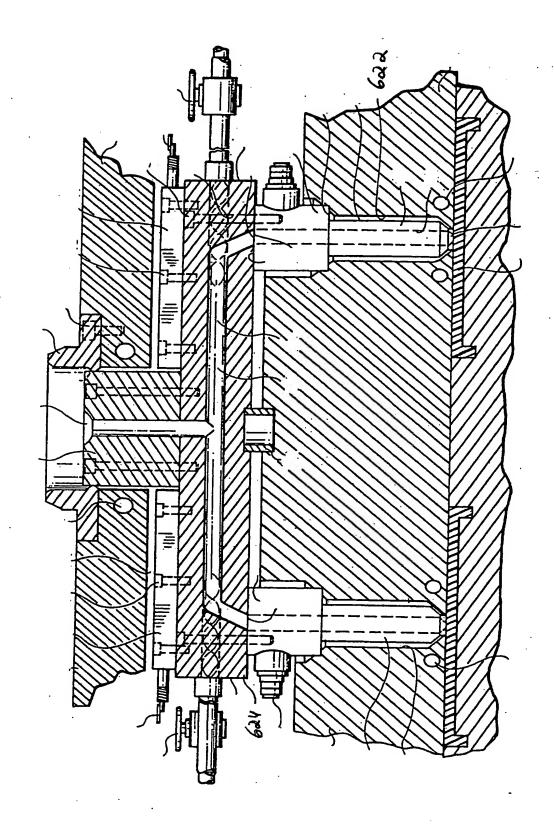
Dim. Stability:

3600 -

Generated Drawings

Choose any of the file options below to download or view online

Туре	Drawings	Options
TIF	GT sys_valve_config_HY6600 0077.tif (1449539 Bytes)	Download 602
TIF	GT sys valve config SYSTEM ASSEMBLY.tif (1170968 Bytes)	E Views
DXF	GT sys valve config HY6600 0077.dxf (1095118 Bytes)	Pownloads Views
DXF	GT sys valve config SYSTEM ASSEMBLY dxf (1786603 Bytes)	Download: View
IGS	GT sys valve config HY6600 0077.igs (2487962 Bytes)	Download 5
IGS	GT sys valve config SYSTEM ASSEMBLY.igs (2302724 Bytes)	*Download.
WRL	GeneralAssembly.wrl (2461551 Bytes)	Downtoad E



2 620

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Configurator

Please make a selection. For detailed information concerning your possible choices click <u>here</u>.

Action

Description

Configure New System

Allows you to configure a new system and save it to your account.

Existing Configurations

Allows you to load an existing system from a list of saved systems.

MERLIN' Configurator

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Existing Configurations

Please Make a selection. For detailed information concerning your possible choices click <u>HERE</u>

		, 6	,66	664
Action	Configuration Name	Quote#	Order Date/Time:	Status
Load Copy Delete	Comig	0040003107	6/12/00 2:39:47 PM	
Ecoad Delete	SAP Test	0040003098	6/9/00 11:31:20 AM	
Ecad Copy Delete	2 drop hect 190 pitch	0040003093	6/8/00 1:53:36 PM	

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Summary Information Form

Please fill in the relevant information and check for correctness.

Saview Printable Version Previous Step

Action To Be Taken, For more information click HERE

Step 1

Step 2

Step 3

686

Step 4 Order.

Lead Time: No Lead Time Available.

Quote #: 0040003107

Not Reviewed.

PO#

Order#:

💶 🚾 Generate Drawings 👢

Price: \$6,681.00 USD

N/A

Company Name:

110

Contact Name:

Mold Maker:

Molder:

End User:

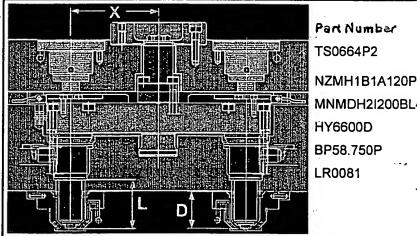
Customer Ref. #:

Requested Delivery Date:

Plastic Part #:

Plastic Part Name:

Industry Segment:



Required Parts List Part Number

Description MDH C VALVE TS0664

Options N/A

+ TSL229

Mim Dura Hecto Valve

N/A

MNMDH2I200BL4VP 2-Inline Sub Manifold

nozzle L=120

N/A

HY6600D

Hydraulic/Pneumatic

N/A

BP58.750P

Cylinder Assembly

Manifold center heater N/A

Locating Ring for Valve N/A system with BP58, inch

Additional Information

Material

Part

Mald

Other

Material type:

Acrylonitrile Butadiene Styr.

<u>Shot Weight</u>: 500 - 3500 g

of Cavities:

Gate Cosmetics:

Grade:

Est. Injecti n Time

(sec.):

Sub-runners:

Gate Cooling:

Supplier:

Wall Thickness:

Gate:

Dim. Stability: